PSNS FOR THE SECONDARY TANTALUM SUBCATEGORY—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Nickel	112.900	75.960
Zinc	209.400	86.230
Tantalum	92.390	.....

(d) Tantalum powder acid wash and rinse.

PSNS FOR THE SECONDARY TANTALUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tantalum powder produced	
Copper	0.448	0.214
Lead	0.098	0.046
Nickel	0.193	0.130
Zinc	0.357	0.147
Tantalum	0.158	.....

(e) Leaching wet air pollution control.

PSNS FOR THE SECONDARY TANTALUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of equivalent pure tantalum powder produced	
Copper	6.246	2.977
Lead	1.366	0.634
Nickel	2.684	1.806
Zinc	4.978	2.050
Tantalum	2.196	.....

§ 421.287 [Reserved]

Subpart AA—Secondary Tin Subcategory

SOURCE: 50 FR 38376, Sept. 20, 1985, unless otherwise noted.

§ 421.290 Applicability: Description of the secondary tin subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of tin at secondary tin facilities utilizing either pyrometallurgical or hydrometallurgical processes to recover tin from secondary materials.

§ 421.291 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 421.292 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

(a) Tin smelter SO_2 scrubber.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of crude tapped tin metal produced	
Arsenic	19.220	8.554
Lead	3.863	1.840
Iron	11.040	5.611
Tin	3.495	2.024
Total suspended solids	377.100	179.400
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(b) Dealuminizing rinse.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of dealuminized scrap produced	
Lead	0.015	0.007
Cyanide (total)	0.010	0.004
Fluoride	1.225	0.700
Tin	0.013	0.008
Total suspended solids	1.435	0.683
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(c) Tin mud acid neutralization filtrate.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Minimum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of neutralized, dewatered tin mud produced	
Lead	2.120	1.009
Cyanide (total)	1.464	0.606
Fluoride	176.600	100.400
Tin	1.918	1.110
Total suspended solids	206.900	98.420
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(d) Tin hydroxide wash.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Minimum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tin hydroxide washed	
Lead	5.020	2.391
Cyanide (total)	3.466	1.434
Fluoride	418.400	237.900
Tin	4.542	2.630
Total suspended solids	490.100	233.100
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(e) Spent electrowinning solution from new scrap.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Minimum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode tin produced	
Lead	7.056	3.360
Cyanide (total)	4.872	2.016
Fluoride	588.000	334.300
Tin	6.384	3.696
Total suspended solids	688.800	327.600
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(f) Spent electrowinning solution from municipal solid waste.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Minimum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of MSW scrap used as raw material	
Lead	0.050	0.024
Cyanide (total)	0.035	0.014
Fluoride	4.165	2.368
Tin	0.045	0.026
Total suspended solids	4.879	2.321
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(g) Tin hydroxide supernatant from scrap.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tin metal recovered from scrap	
Lead	23.370	11.130
Cyanide (total)	16.140	6.677
Fluoride	1,947.000	1,107.000
Tin	21.140	12.240
Total suspended solids	2,281.000	1,085.000
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(h) Tin hydroxide supernatant from plating solutions and sludges.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tin metal recovered from plating solutions and sludges	
Lead	48.30	23.00
Cyanide (total)	33.35	13.80
Fluoride	4,025.00	2,289.00
Tin	43.70	25.30
Total suspended solids	4,715.00	2,243.00
pH	(1)	(1)

1 Within the range of 7.5 to 10.0 at all times.

(i) Tin hydroxide filtrate.

BPT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tin metal produced	
Lead	10.520	5.009
Cyanide (total)	7.263	3.005
Fluoride	876.500	498.400
Tin	9.517	5.510
Total suspended solids	1,027.000	488.400
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

§ 421.293 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Tin smelter SO_2 scrubber.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of crude tapped tin produced	
Arsenic	12.790	5.703
Lead	2.575	1.196
Iron	11.040	5.611
Tin	3.495	2.024

(b) Dealuminizing rinse.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of dealuminized scrap produced	
Lead	0.010	0.005
Cyanide (total)	0.007	0.003
Fluoride	1.225	0.697
Tin	0.013	0.008

(c) Tin mud acid neutralization filtrate.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of neutralized dewatered tin mud produced	
Lead	1.413	0.656
Cyanide (total)	1.009	0.404
Fluoride	176.600	100.400
Tin	1.918	1.110

(d) Tin hydroxide wash.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tin hydroxide washed	
Lead	3.347	1.554
Cyanide (total)	2.391	0.956
Fluoride	418.400	237.900
Tin	4.542	2.630

(e) Spent electrowinning solution from new scrap.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode tin produced	
Lead	4.704	2.184
Cyanide (total)	3.360	1.344
Fluoride	588.000	334.300
Tin	6.384	3.696

(f) Spent electrowinning solution from municipal solid waste.

BAT LIMITATIONS FOR THE SECONDARY TIN SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of MSW scrap used as raw material	
Lead	0.033	0.015
Cyanide (total)	0.024	0.010